Applicant(s): Karsten Schulz, et al. WORKFLOW MANAGEMENT ARCHITECTURE

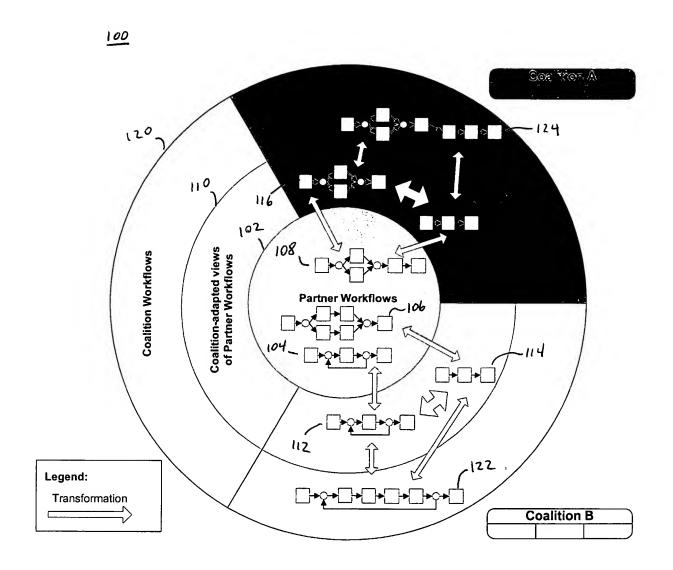


FIG. 1

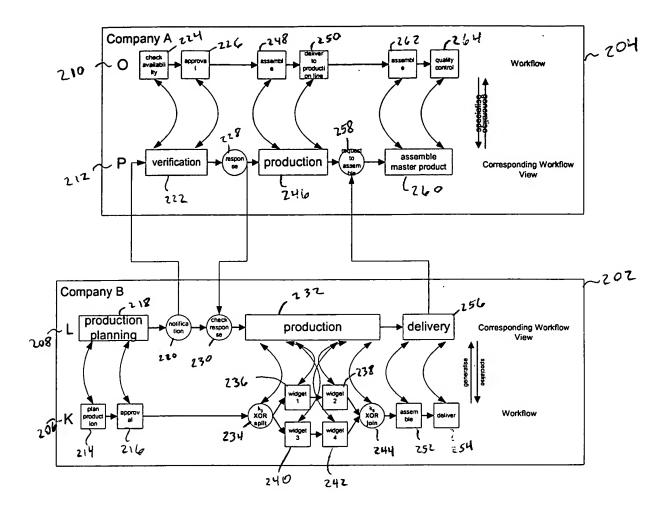
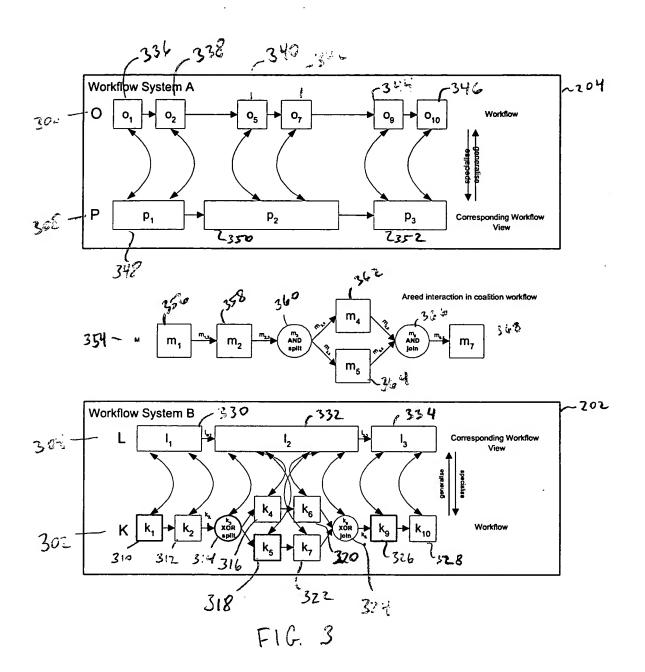


FIG. 2

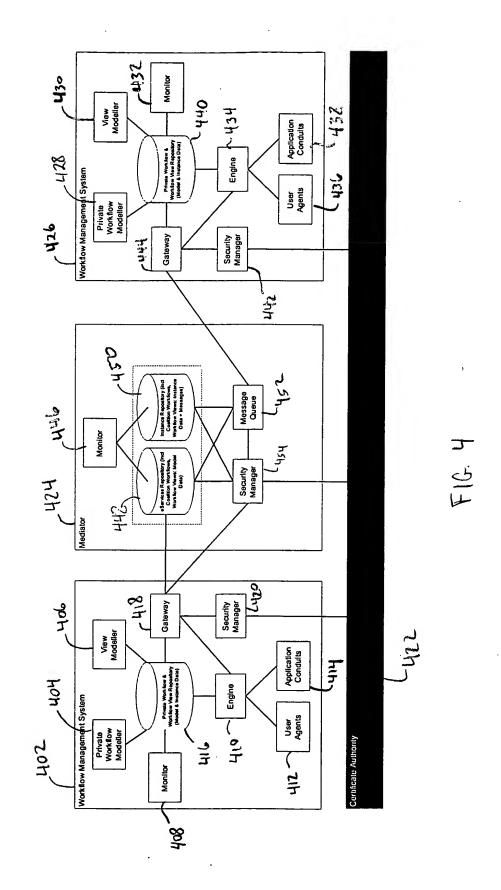
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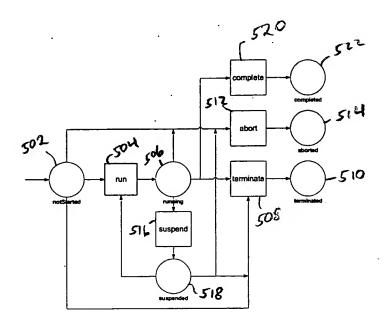
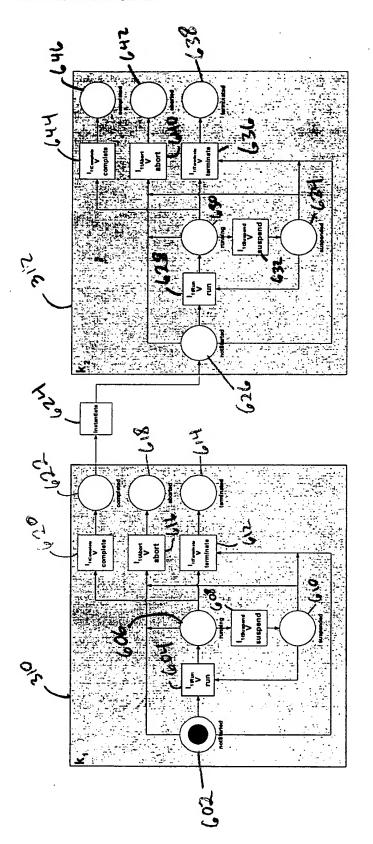
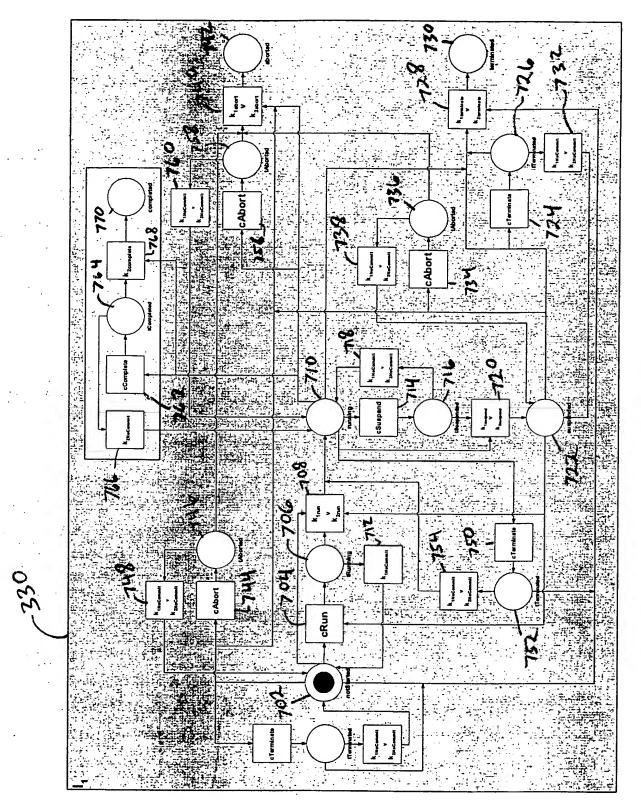


FIG 5





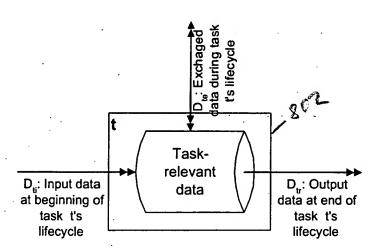


FIG. 8

Applicant(s): Karsten Schulz, et al.
WORKFLOW MANAGEMENT ARCHITECTURE

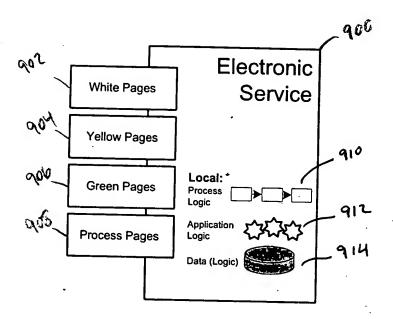


FIG. 9

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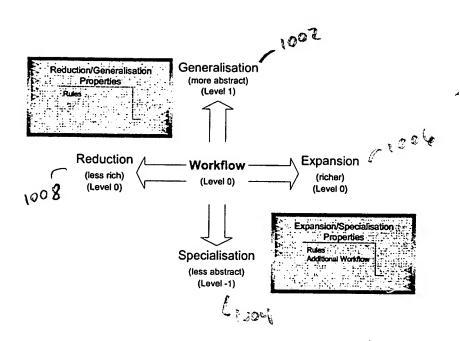


FIG. 10

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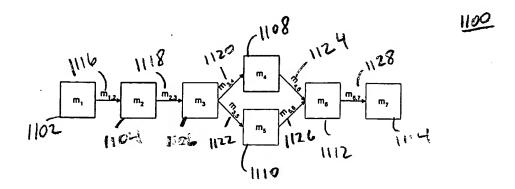


FIG. 11

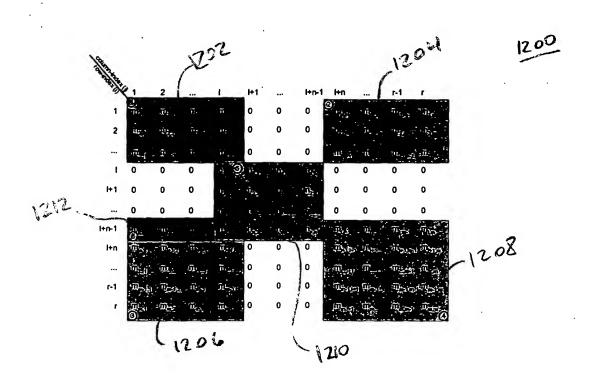


FIG. 12

Applicant(s): Karsten Schulz, et al.
WORKFLOW MANAGEMENT ARCHITECTURE

1300 1306 mz. 0 m-1 m m+1 m+n 1308

FIG. 13

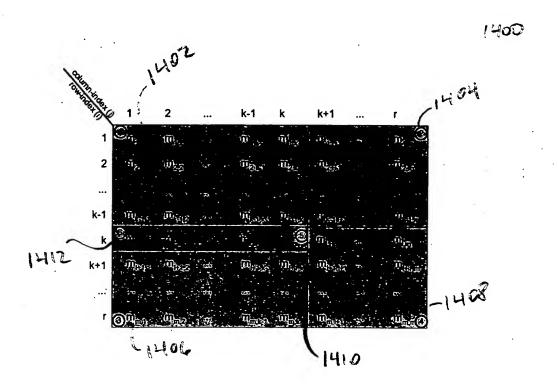


FIG. 14

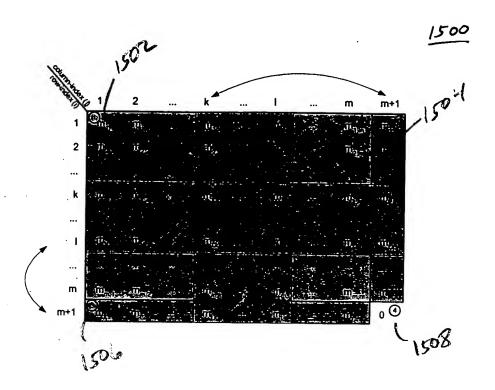


FIG. 15

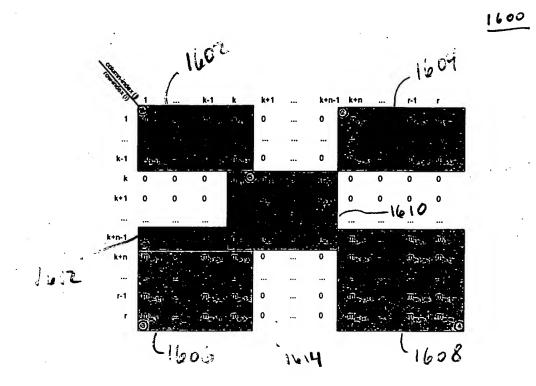
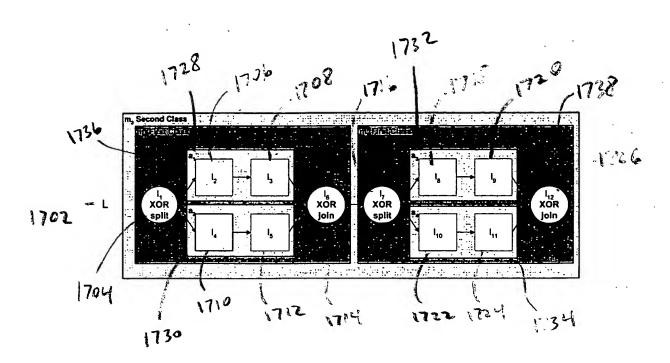


FIG. 6



F16. 17

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310

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XOR join

324

328

326

FIG. 18

322

318

XOR Split

314

312

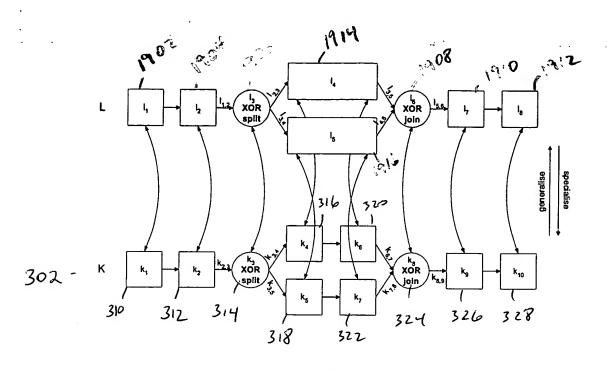
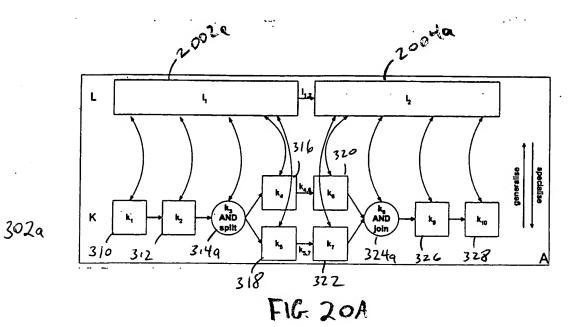


FIG. 19



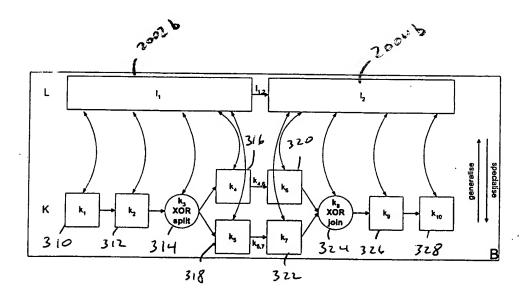
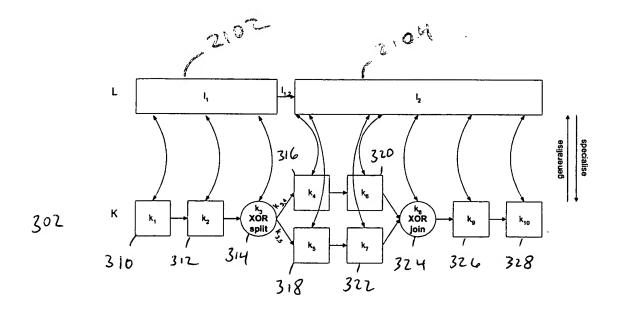
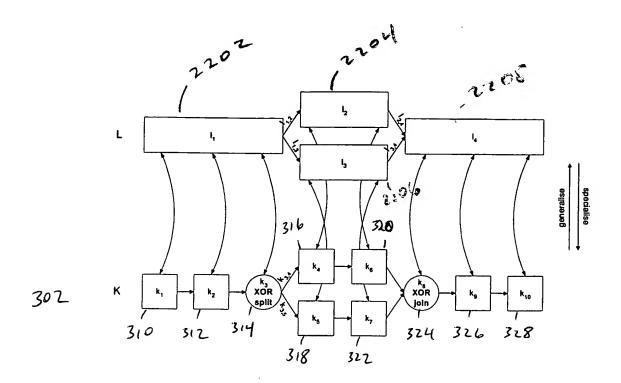


FIG 20B



F16.21

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WORKFLOW MANAGEMENT ARCHITECTURE



F16. 22

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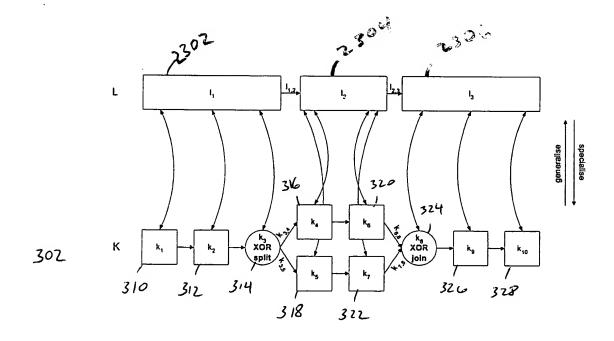
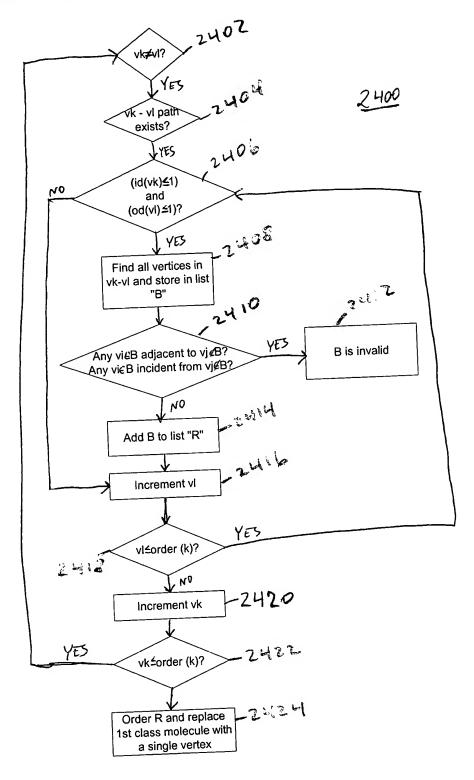


FIG. 23

Applicant(s): Karsten Schulz, et al.

WORKFLOW MANAGEMENT ARCHITECTURE



Applicant(s): Karsten Schulz, et al. WORKFLOW MANAGEMENT ARCHITECTURE

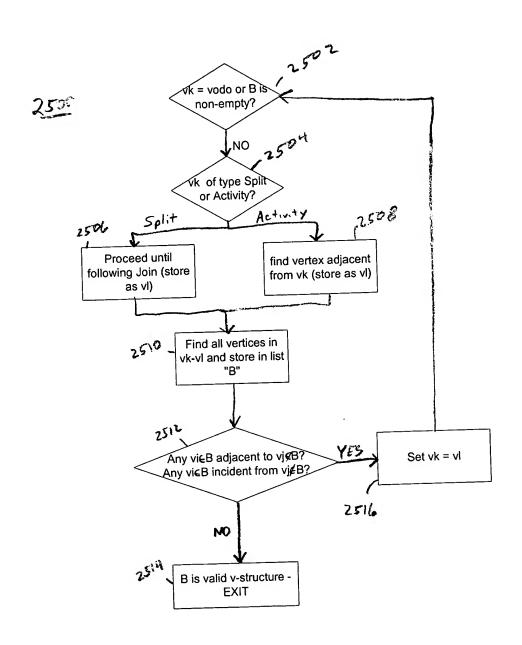


FIG. 25

Matter No.: 13909-026001 Applicant(s): Karsten Schulz, et al.

WORKFLOW MANAGEMENT ARCHITECTURE

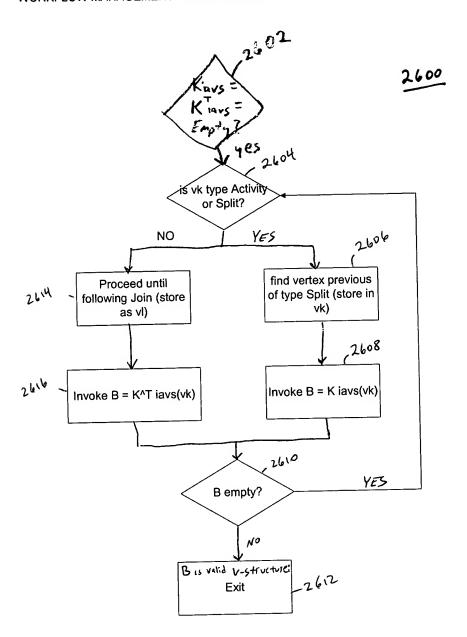


FIG. 26

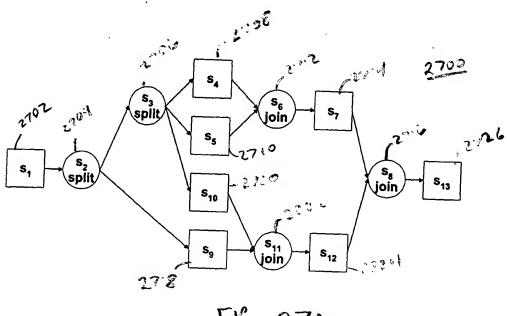


FIG. 27A

v_k	$S iavs_e(v_k)$
SI	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
52	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
<i>S</i> 3	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
S4	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
S5	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
s ₆	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
57	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
28	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
<i>S</i> 9	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
S10	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
S ₁₁	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
S12	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}\}$
\$13	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{11}, s_{12}, s_{13}\}$

FIG. 27B

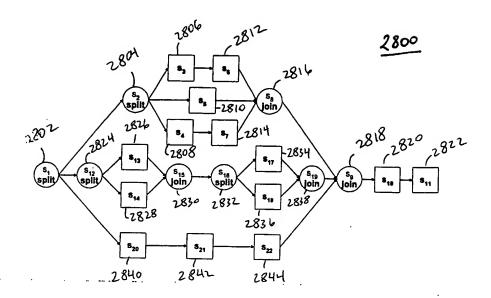


FIG. 28A

vk	$S \text{ iavs}_{\mathbf{c}}(\nu_k)$
SI	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{12}, s_{13}, s_{14}, s_{15}, s_{16}, s_{17}, s_{18}, s_{19}, s_{20}, s_{21}, s_{22}\}$
s ₂	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8\}$
<i>S</i> 3	$\{s_3, s_6\}$
S 4	{s4,s7}
<i>\$</i> 5	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8\}$
<i>s</i> ₆	$\{s_3, s_6\}$
57	{s4,s7}
<i>S</i> 8	$\{s_2, s_3, s_4, s_5, s_6, s_7, s_8\}$
S 9	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{12}, s_{13}, s_{14}, s_{15}, s_{16}, s_{17}, s_{18}, s_{19}, s_{20}, s_{21}, s_{22}\}$
s ₁₀	$\{s_1, s_2, s_3, s_4, s_5, s_6, s_7, s_8, s_9, s_{10}, s_{12}, s_{13}, s_{14}, s_{15}, s_{16}, s_{17}, s_{18}, s_{19}, s_{20}, s_{21}, s_{22}\},$ $\{s_{10}, s_{11}\}$
511	$\{s_{10}, s_{11}\}$
S12	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
S13	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
S14	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
S ₁₅	$\{s_{12}, s_{13}, s_{14}, s_{15}\}$
S ₁₆	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
517	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
518	$\{s_{16}, s_{17}, s_{18}, s_{19}\}$
S19	{\$16,\$17,\$18,\$19}
S20	$\{s_{20}, s_{21}\}$
S21	$\{s_{20}, s_{21}\}, \{s_{21}, s_{22}\}$
S22	$\{s_{21}, s_{22}\}$

FIG. 28B

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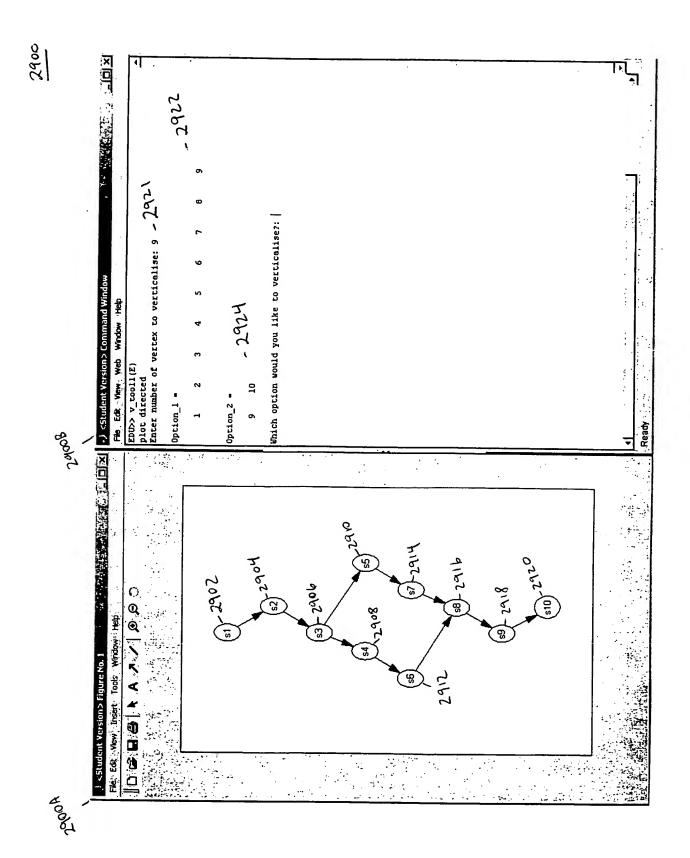
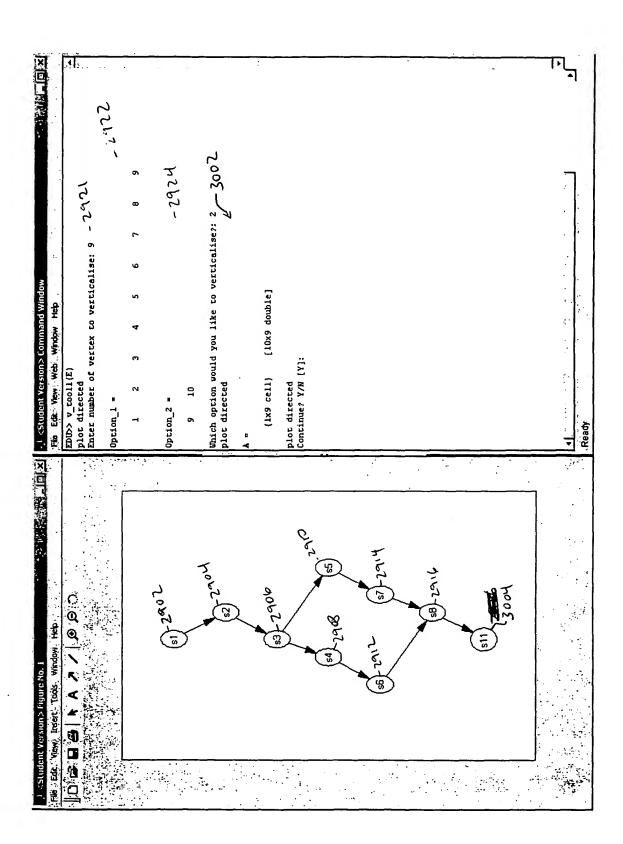
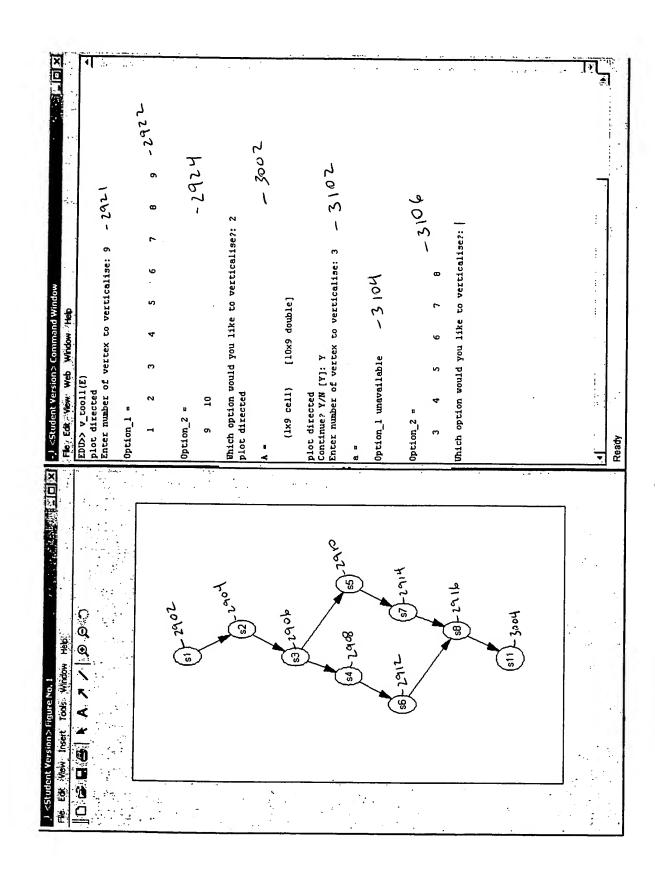
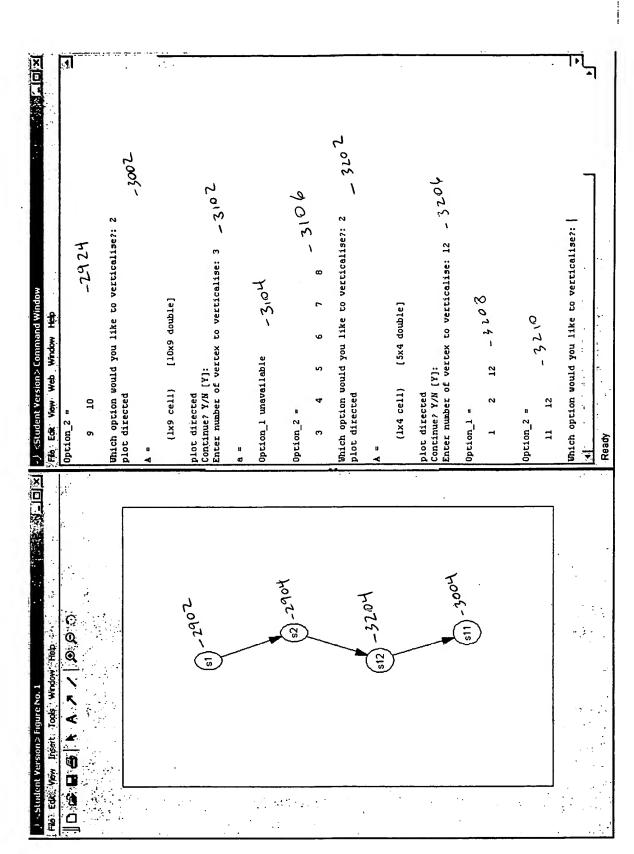


FIG. 29





3100



2200

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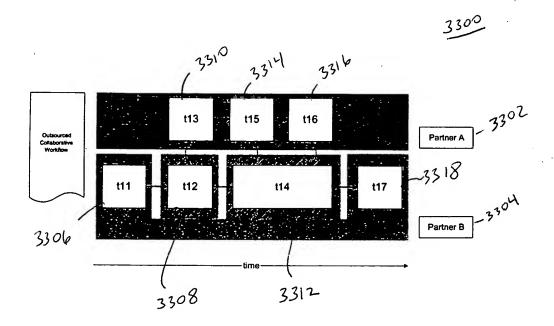


FIG. 33

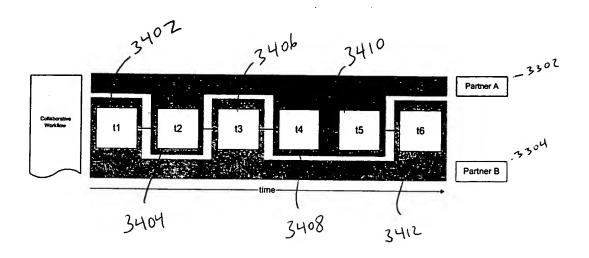


FIG. 34

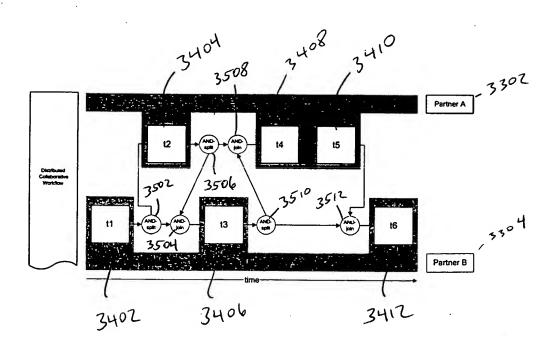


FIG. 35

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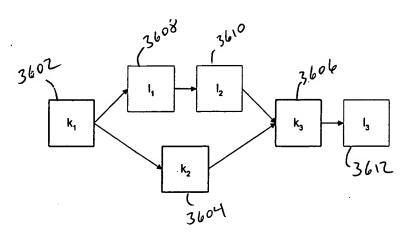


FIG. 36

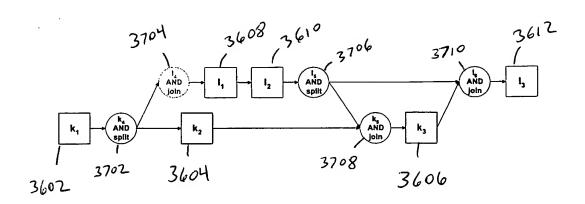


FIG. 37

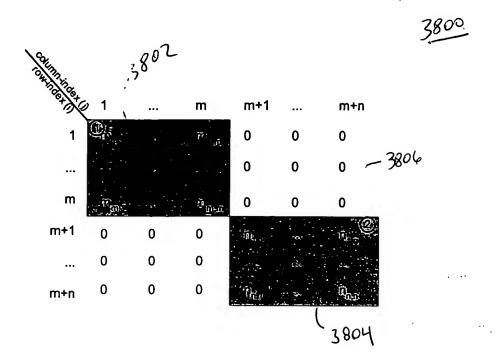


FIG. 38

3900

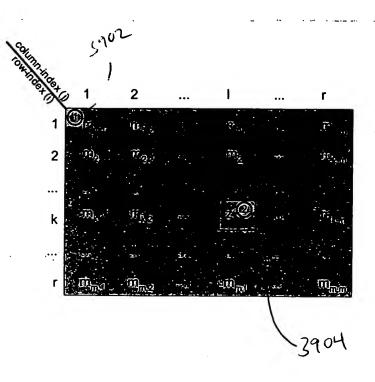


FIG. 39

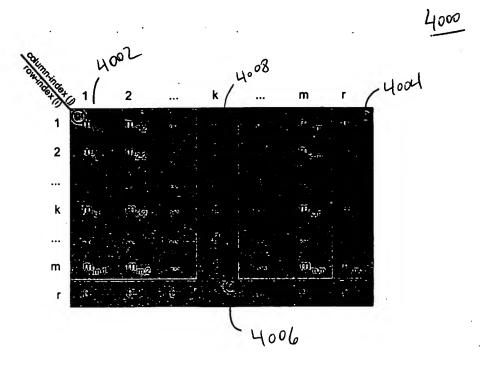


FIG. 40

4100

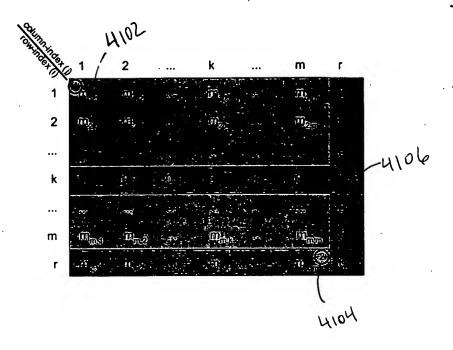
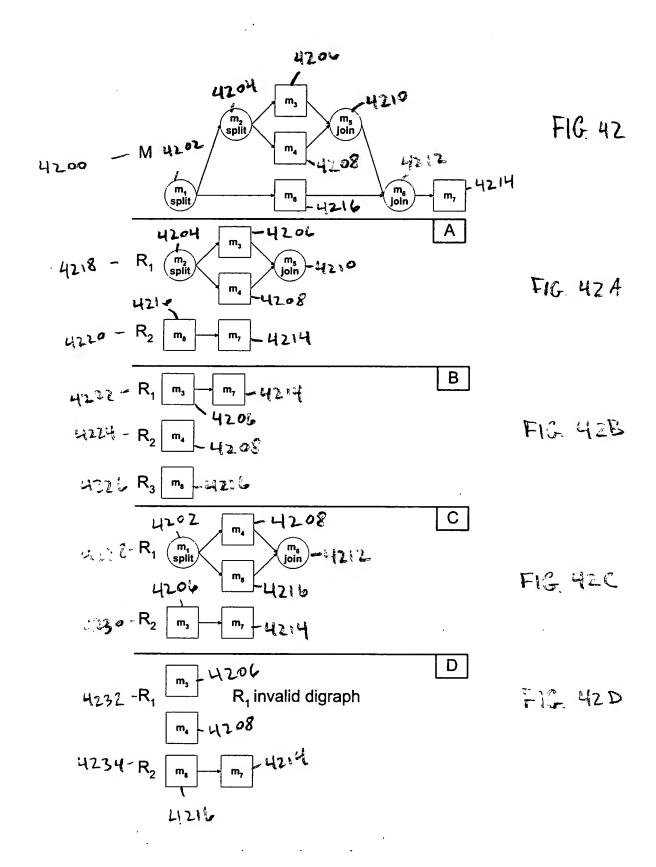


FIG. 41

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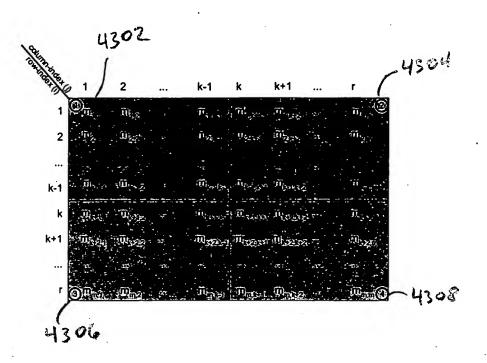
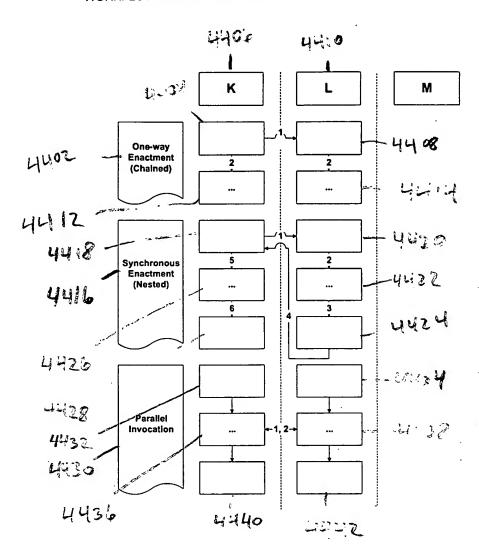


FIG. 43

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Fiv. 44

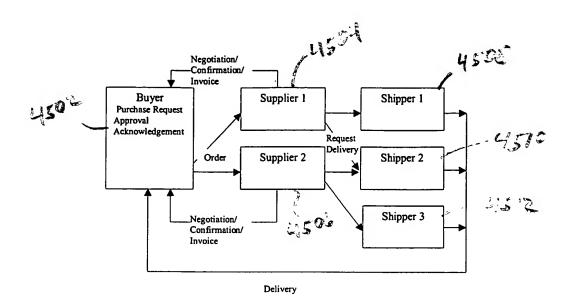
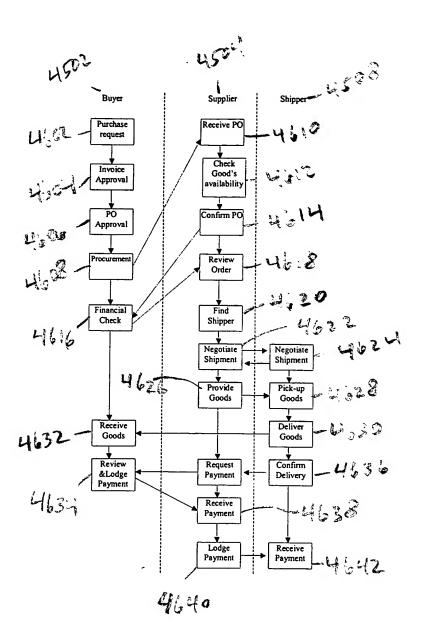


FIG. 45



F16. 46

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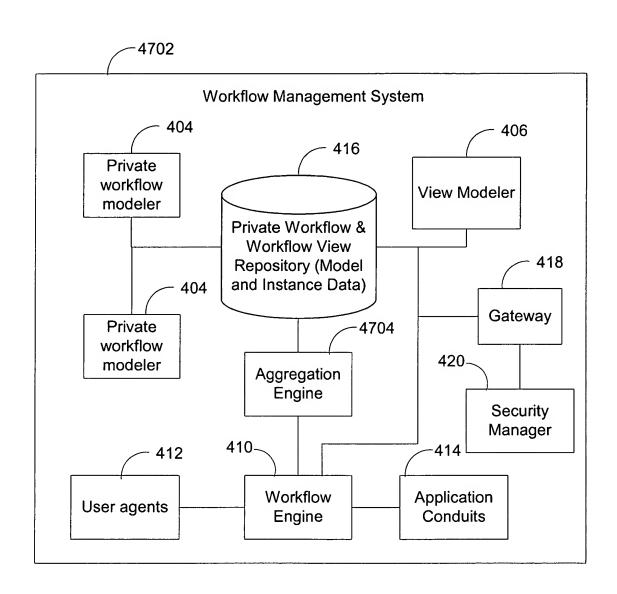


FIG. 47

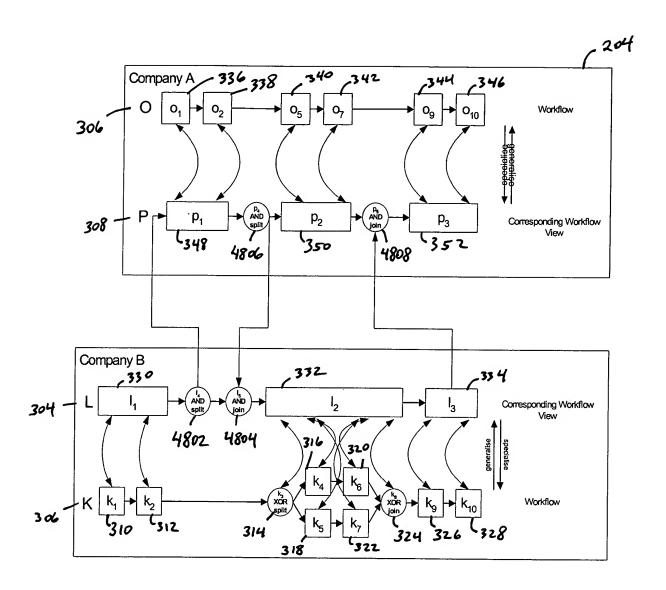


FIG. 48

<u>4900</u>

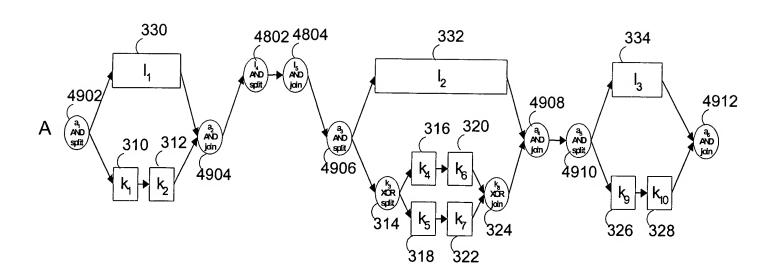


FIG. 49

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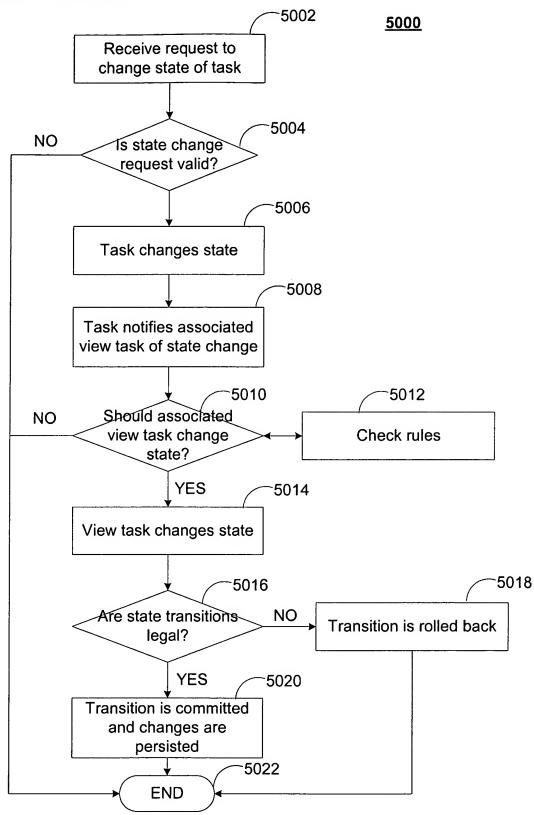


FIG. 50

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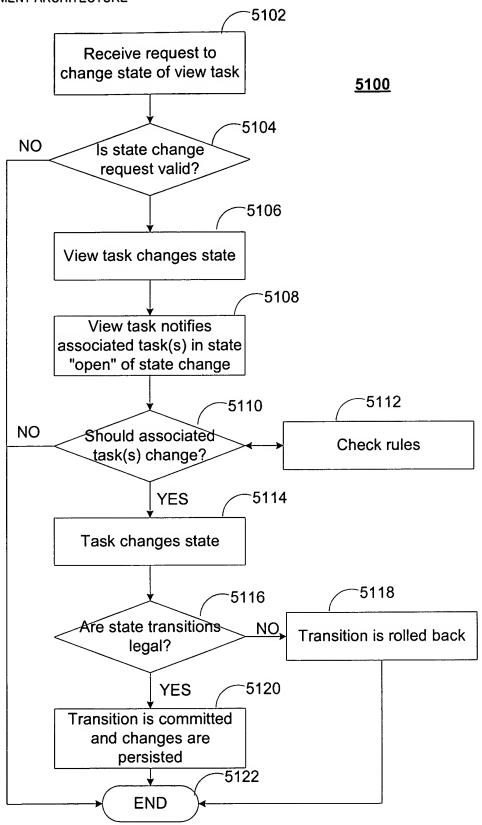


FIG. 51

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WORKFLOW MANAGEMENT ARCHITECTURE

<u>5200</u>

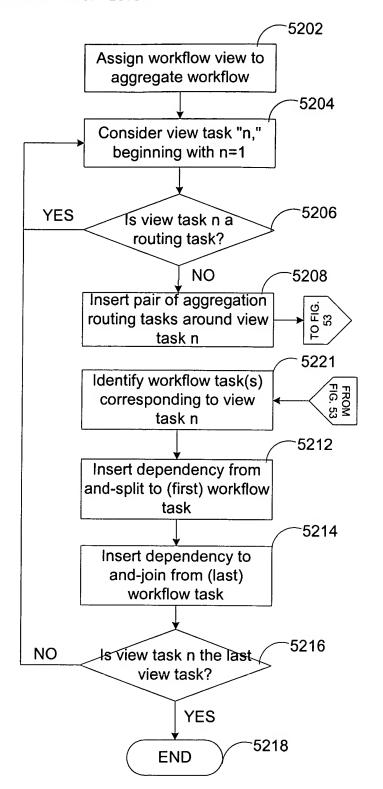


FIG. 52

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Applicant(s): Karsten Schulz, et al.

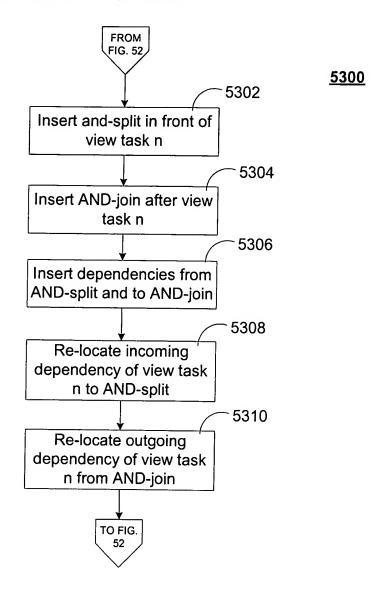


FIG. 53